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Egan Marine Corporation, TDD #T05-9410-153

A. SPCC FIELD SHEET

(To be completed if SPCC Regulation is applicable to Facility - See 40 CFR 112.1)

1a. NAME OF FACILITY

Egan Marine Corporation/Service Welding and Shipbuilding

1b. TYPE OF FACILITY

Barge transporting of oils.

1c. FACILITY LOCATION

No Street Address is allotted by Cook County for the site. The facility is located northeast of Lemont, IL on the Sanitary Drainage and Ship Canal at mile marker 301.3. The facility sits on two peninsulas formed from rock quarries. N 41°41'06.4" W 87°59'15.9"

2a. NAME OF OWNER AND/OR OPERATOR RESPONSIBLE FOR FACILITY

Dennis Egan, President/Owner

2b. TELEPHONE NUMBER

(708) 739-0947

2c. MAILING ADDRESS

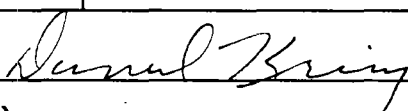
P.O. Box 669, Lemont, Illinois 60439

3. TYPES OF OIL STORED AND CAPACITY OF ABOVE GROUND AND BURIED STORAGE

The facility has a total of 43 tanks in use (approximately 945,500 gallons) with an additional 24 tanks (approximately 227,000 gallons) that were stated as not being in service, and a total of 800 to 1000 drums (approximately 50,000 gallons) of waste oil and vegetable oil. Some of the tank volumes within the following table were visually estimated by Danny Egan.

LOCATION	CONTENTS	TYPE	CAPACITY (gallons)	DIMENSIONS diameter x height (feet)
Western Peninsula	Vegetable based oils and animal grade soy bean oil.	Steel with glass lining, Cylindrical AST, Horizontally Oriented	7 X 25,000 gals	Unknown
"	"	Steel, Cylindrical AST, Horizontally Oriented	6 X 25,000 gals	"
"	"	Steel, Cylindrical AST, Vertically Oriented	22 X 27,000 gals	37' X 11'
"	Not in use.	Poly Tank	9 X 2,000 gals	Unknown
"	Diesel Fuel	Steel, Cylindrical AST, Horizontally Oriented	3 X 500 gals	"
"	Diesel/Asphalt/Oil Blend	"	1 X 8,000 gals	"
"	"	Steel, Cylindrical AST, Vertically Oriented	2 X 8,000 gals	"
"	"	"	3 X 12,000 gals	"
"	"	"	1 X 15,000 gals	"
"	Homogenized vegetable oil sludge.	Steel 55 gallon Drum	600 to 700 X 55 gallon drums	"
Eastern Peninsula	Not in use.	Steel, Cylindrical AST, Horizontally Oriented	1 X 8,000 gals	"
"	"	Steel, Wrecked Tanker Trailers	3 X 10,000 gals	"
"	"	"	1 X 5,000 gals	"
"	"	Steel, Cylindrical AST, Vertically Oriented	3 X 15,000 gals	"
"	"	"	2 X 20,000 gals	"
"	"	Steel, Cylindrical AST, Horizontally Oriented	1 X 15,000 gals	"
"	"	"	2 X 8,000 gals	"

A. SPCC FIELD SHEET
(To be completed if SPCC Regulation is applicable to Facility - See 40 CFR 112.1)

LOCATION	CONTENTS	TYPE	CAPACITY (gallons)	DIMENSIONS diameter x height (feet)
Eastern Peninsula	Spilled oil from emergency response clean ups.	Steel 55 gallon Drum	300 to 400 X 55 gallon drums	unknown
4. IS A CERTIFIED SPCC PLAN AVAILABLE FOR INSPECTION? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO The facility did not have an SPCC plan prepared for the oil storage.				5. DATE OF INSPECTION October 20, 1994
6. NAME AND REGISTRATION NUMBER OF CERTIFYING ENGINEER <input checked="" type="checkbox"/> NOT AVAILABLE				7. DATE SPCC PLAN WAS CERTIFIED <input checked="" type="checkbox"/> NOT AVAILABLE
8. IS THE SPCC PLAN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE				
9. NAME OF WATER BODY THAT POTENTIAL SPILL COULD ENTER: OR IF UNNAMED TRIBUTARY, THEN FIRST WATERBODY DOWNSTREAM The Sanitary Drainage and Ship Canal and the Des Plaines River.				
10. COMMENTS At 0900 hours on October 20, 1994, TATM Krieg arrived at the U.S. Coast Guard offices at 215 West 83rd Street in Woodland Park Commerce Center. The TAT, OSC Len Zintak and SPCC Coordinator Barbara Carr met with Mike Trebilcock, U.S. Coast Guard, to discuss Egan Marine Corporation. Krieg, Zintak, Carr and Trebilcock arrived at Egan Marine Corp. at 0945 hours and met with Dennis Egan, President of Egan Marine and his son Danny Egan, Vice-President. Dennis Egan was presented with a facility information packet by OSC Zintak, and was given a brief description of its contents. The facility was then inspected by Krieg, Zintak, and Carr under the escort of Dennis and Danny Egan. Krieg, Zintak, Carr and Trebilcock departed the facility at 1305 to obtain more film for photodocumentation. Krieg, Zintak and Carr returned to the facility at 1410 hours to complete the photos. The site inspection was completed at 1430 hours. The facility consists of numerous oil storage tanks of volumes greater than 10,000 gallons. The facility is located on two connected peninsulas of land. Storage tanks were located on both peninsulas. Egan Marine Corp. barges and tug boats were located in the water between the two peninsulas. Please refer to the facility diagram at the back of this report for further details on the location of storage tanks.				
11a. SPCC NO.		11b. CASE NO.	11c. NPDES NO. <input checked="" type="checkbox"/> NOT APPLICABLE	
12a. INSPECTOR (sign) 				12b. DATE 10/24/94
12c. INSPECTOR (print) Daniel Krieg, Ecology and Environment, Inc., Chicago				

B. SPCC INSPECTION SUMMARY SHEET

SPCC NO.	CASE NO.	DATE OF INSPECTION October 20, 1994
NAME OF INSPECTOR (signature) <i>Daniel Krieg</i>		DATE OF DOCUMENTATION REPORT 10/24/94
NAME OF INSPECTOR (print) Daniel Krieg, Ecology and Environment, Inc., Chicago		NPDES NO. N/A

1. FACILITY

a.	COMPANY		
Egan Marine Corporation/Service Welding and Shipbuilding			
ADDRESS P.O. Box 669 (No address is allotted to the site by Cook County.)			TELEPHONE (708) 739-0947
CITY Lemont		STATE IL	ZIP CODE 60439
FACILITY NAME Egan Marine Corporation			

b.	FACILITY LOCATION		
The facility is located northeast of Lemont, IL on the Sanitary Drainage and Ship Canal at mile marker 301.3. The facility sits on two peninsulas formed from rock quarries. N 41°41'06.4" W 87°59'15.9"			
PARENT CORPORATION None			
ADDRESS			
CITY		STATE	ZIP CODE
c.	WATER BODY PROTECTED		
The Sanitary Drainage and Ship Canal and the Des Plaines River.			

2. PURPOSE

INITIATION:	<input type="checkbox"/> ROUTINE SURVEILLANCE	<input checked="" type="checkbox"/> COAST GUARD INFORMATION
	<input checked="" type="checkbox"/> SPILL REPORT	<input type="checkbox"/> CITIZEN COMPLAINT <input type="checkbox"/> OTHER (specify)
TYPE:	<input checked="" type="checkbox"/> PLAN PREPARATION	<input checked="" type="checkbox"/> PLAN IMPLEMENTATION
	<input type="checkbox"/> FOLLOW-UP	<input type="checkbox"/> PLAN AMENDMENT

3. INSPECTION

INDIVIDUAL CONTACTED Dennis Egan	TITLE President, Egan Marine
INDIVIDUAL CONTACTED Danny Egan	TITLE Vice-President, Egan Marine
NOTIFICATION Inspection Notification to Egan Marine was performed by OSC Len Zintak on October 19, 1994. The U.S. Coast Guard had notified the U.S. EPA of an oil release to the canal by Egan Marine prior to October 19, 1994.	

B. SPCC INSPECTION SUMMARY SHEET

4. FINDINGS

SOURCE IN APPARENT COMPLIANCE WITH SPCC REQUIREMENTS:

☐ YES

- ☐ HAVE ADEQUATE PLAN
- ☐ NOT SUBJECT TO REGULATIONS
- ☐ INSUFFICIENT STORAGE
- ☐ NO REASONABLE SPILL EXPECTATION
- ☐ PLAN FULLY IMPLEMENTED
- ☐ NEW FACILITY OPERATIONAL FOR LESS THAN 6 MONTHS

☒ NO

- ☒ NO PLAN
- ☐ PLAN NOT PROPERLY CERTIFIED
- ☐ PLAN DOES NOT HAVE MANAGEMENT APPROVAL
- ☐ PLAN NOT MAINTAINED AT FACILITY MANNED 8 HOURS/DAY
- ☐ INADEQUATE PLAN (detailed SPCC plan review attached)
- ☐ PLAN NOT FULLY IMPLEMENTED
- ☐ PLAN NOT REVIEWED WITHIN 3 YEARS

☐ OTHER

5. ATTACHMENTS

(None required if facility is in apparent compliance)

NONE ATTACHED ALREADY ON FILE

*Detailed Observations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*Photographs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Slides	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*Field Drawing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*Comments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Telephone Conversations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*SPCC Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*ALL REQUIRED IF FACILITY IS NOT IN APPARENT COMPLIANCE.
If photos not permitted, check "NONE" and explain. Add
"SPCC Plan to List of Attachments when appropriate.

C. DETAILED SPCC DOCUMENTATION

FACILITY

Egan Marine Corporation/Service Welding and Shipbuilding

DATE OF INSPECTION

October 20, 1994

1. FACILITY DESCRIPTION

1a. TYPE OF BUSINESS/OPERATION

Barge transporting of oils.

1b. FACILITY OIL STORAGE

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"	Spilled oil from emergency response clean ups.	Steel 55 gallon Drum	300 to 400 X 55 gallon drums	"

C. DETAILED SPCC DOCUMENTATION

1c. PREVENTION MEASURES PROVIDED

The facility did not have any adequate secondary containment measures for the oil storage tanks. The tanks were all in close proximity to the canal and Dennis Egan stated the facility is prone to flooding during periods of heavy rainfall. A shallow pit, approximately 100' X 75' X 1', which contained four 25,000 gallon tanks, was claimed by Dennis Egan to be the lowest area on the western peninsula. Egan stated that all of the runoff from the surrounding tanks flows to the pit. The shallow pit was not an adequate impermeable containment area because the base of the pit was made of fractured bedrock. An oil/water separator had recently been constructed to separate the liquid collected within the shallow pit area. Piping leading from the oil/water separator to the barge slip was cracked and leaking in two places. None of the tanks were indicated by Danny Egan to have visual or electronic volume gauges. Further, none of the tanks had failsafe engineering devices. Danny Egan did not know if the tanks had corrosion protection. Numerous tanks had fittings for steam heating. Dennis Egan did not indicate that the condensed water was inspected on a regular basis. Emergency spill response equipment in the form of booms and absorbents were shown to be readily available. The facility had adequate night lighting. Only parts of the perimeter had adequate fencing. None of the tanks had locks on the outlet valves.

Dennis Egan indicated that the tanks are inspected on a daily basis by the workers at the facility. No written protocol for tank inspection is used nor are records of the inspections kept. Dennis Egan indicated that if a leak is detected, the tank contents are emptied into another tank so that repairs may be performed. No records of tank repairs are kept. The truck loading and unloading areas are located on the west and east sides of the storage tanks. No signs are posted to warn truck drivers of damaging the tanks. The tanks are immediately adjacent to the loading/unloading areas and have no barrier to prevent damage to the tanks by trucks.

1d. APPEARANCE OF FACILITY (housekeeping)

The facility had numerous oil stains at various locations throughout the entire facility. The area surrounding the vegetable oil storage tanks on the western peninsula was saturated with oil. A fresh layer of white rock had recently been laid over the green and brown oil saturated soils. Water collected in a puddle near the homogenized vegetable oil waste drums contained an oily sheen and quarter size droplets of oil. Another water puddle to the west of the tanks also contained oil. The vegetable oil storage tanks and diesel/asphalt tanks showed signs of rust, flaking paint and oil staining. The eastern peninsula also had numerous multicolored stains on the ground and tanks. Puddles of oil and standing oil from spilled drums was found. The 55 gallon drums containing the oil waste from emergency response clean ups were found without lids or tipped over with the contents spilled on the ground. Some of the sealed drums stacked and covered with a tarp were found to have punctures that allowed the contents to drain out. Further, a pile of oil saturated soil was found alongside the mound of gravel debris on the eastern peninsula. One 15,000 gallon tank on the eastern peninsula had been punctured and insufficiently plugged. Danny Egan stated this tank was not in use, however, corresponding oil stains were found around the puncture in the tank and on the ground around the tank.

1e. PAST SPILL HISTORY

Dennis Egan did not divulge any information on past spill incidences that have taken place at the facility when he was questioned by TATM Krieg. Dennis Egan also indicated no written records were kept pertaining to spilled material.

2. RECEIVING WATER (should spill occur)

2a. NAME AND/OR DESCRIPTION

The Sanitary Drainage and Ship Canal to the south, and the Des Plaines River to the north.

- ☒ Perennial ☐ Intermittent
- ☒ Water present at time of inspection
- ☐ Inspector traced discharge to receiving water
- ☐ Inspector traced apparent drainage path to receiving water
- ☐ Receiving water identified by company representative
- ☐ Receiving water identified from topo map
- ☒ Receiving water identified by other means (specify): U.S. Coast Guard

2b. PROBABLE FLOW PATH TO RECEIVING WATER

Any spill on the grounds of the facility would flow over land directly into the canal. Egan indicated that the grounds of the facility flood often in times of large rainfall. The Des Plaines River is adjacent to the facility to the north. A spill may enter the river through connecting water paths to the canal or during periods of flooding.

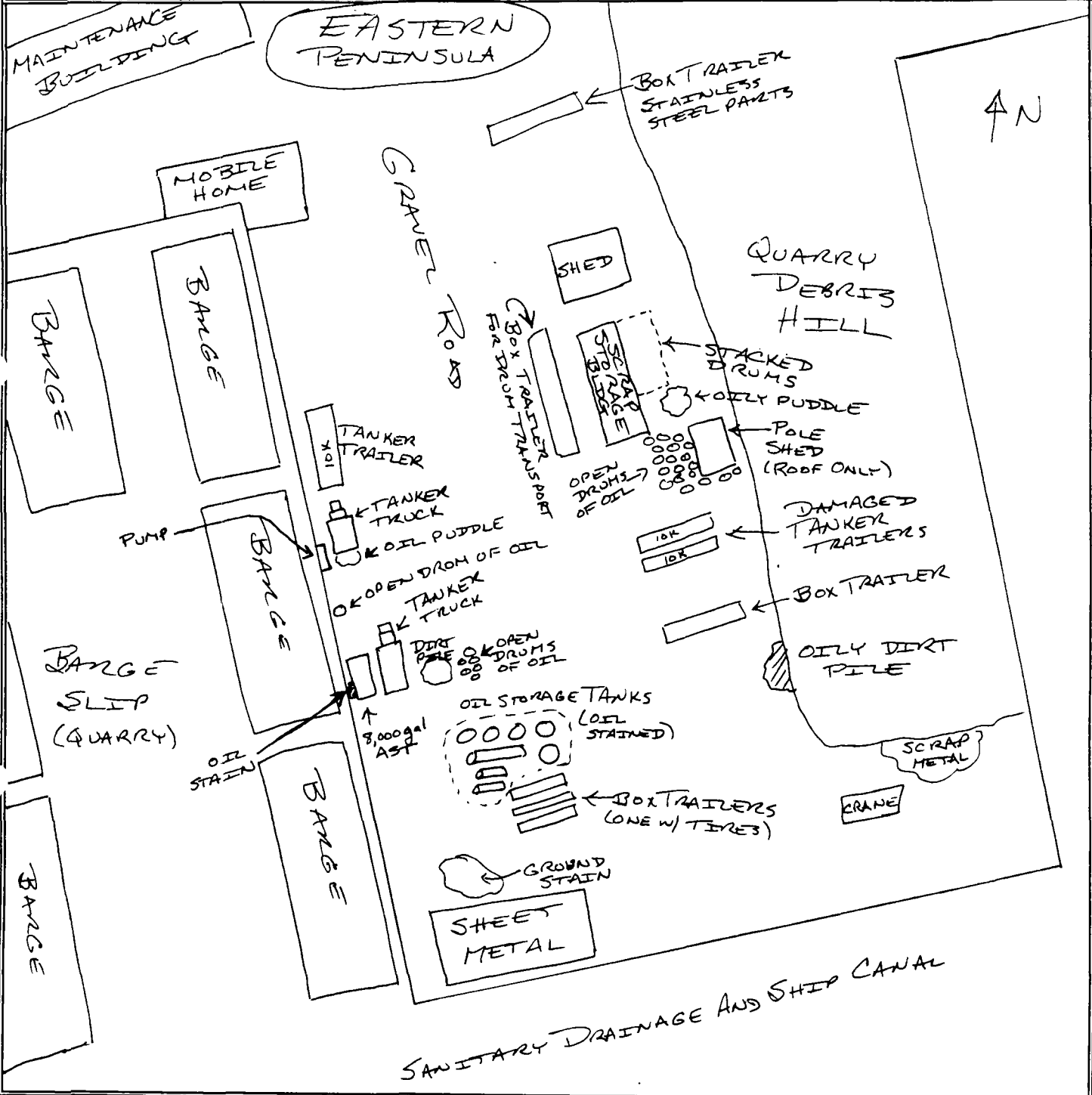
2c. HOURS FACILITY IS MANNED

The facility is in operation 24 hours a day.

C. DETAILED SPCC DOCUMENTATION
3. COMMENTS
<p>The owner of the facility, Dennis Egan, was not aware of the regulations set forth in 40 CFR 112. The facility drainage consists of overland liquid flow into the Sanitary Drainage and Ship Canal. Egan Marine Corp. did not keep a listing of the tanks at the site. However, a partial listing of tanks was shown to be posted on boards in the workshop building adjacent to the oil storage tanks.</p> <p>The means for oil transfer from the storage tanks to the barges was explained by Danny Egan to be done with 10,000 gallon tanker trucks. Tanker trucks are filled with oil on the west, north or south sides of the storage tanks. The trucks are then driven to the east side of the tanks along the barge slip where the oil is pumped into the barge.</p> <p>The facility did not have a Certificate of Substantial Harm Criteria.</p>
4. SPCC PLAN REVIEW
Not applicable. The facility did not have a spill prevention plan.
5. SPCC AMENDMENT RECOMMENDATIONS (amendment inspections only)
N/A

C. DETAILED SPCC DOCUMENTATION

6. FIELD DRAWINGS (Attach more sheets if needed, and show north arrow of other orientation)



FACILITY
Egan Marine Corporation/Service Welding and Shipbuilding, Lemont, IL

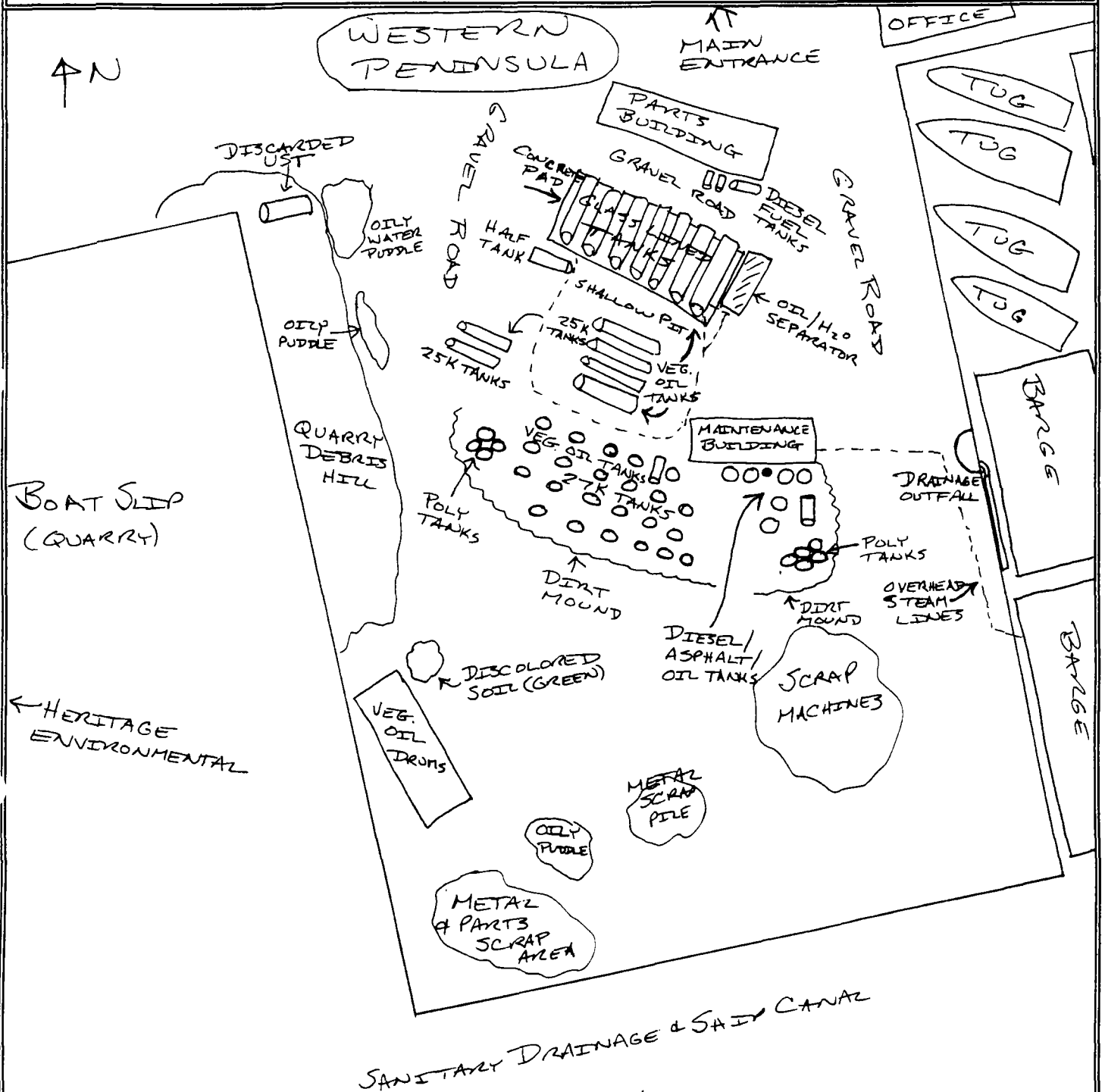
INSPECTOR
Daniel Krieg, Ecology and Environment, Inc., Chicago

INSPECTION DATE
October 30, 1994

INSPECTOR
Daniel Krieg, Ecology and Environment, Inc., Chicago

C. DETAILED SPCC DOCUMENTATION

6. FIELD DRAWINGS (Attach more sheets if needed, and show north arrow of other orientation)



FACILITY

Egan Marine Corporation/Service Welding and Shipbuilding, Lemont, IL

INSPECTION DATE

October 30, 1994

INSPECTOR

Daniel Krieg, Ecology and Environment, Inc., Chicago

SITE LOCATION MAP

